

12-28-00

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NEW UTILITY PATENT APPLICATION TRANSMITTAL (Large Envelope)

PO9-96-134

(Only for new non provisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

JC962 U.S. PTO  
12/27/00

JC808 U.S. PTO  
09/17/00  
12/27/00

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**"Branch Prediction Apparatus and Process for Restoring Replaced Branch History for Use in Future Branch Predictions for an Executing Program"**

and invented by: **BALARAM SINHARROY**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation

Divisional

Continuation-in-part (CIP) of prior application No.:

Enclosed are:

Application Elements

X 1. Filing fee as calculated and transmitted as described below

X 2. Specification having 48 pages and including the following:

- X a. Descriptive Title of the Invention
- X b. Cross References to Related Application (if applicable)
- c. Statement Regarding Federally-sponsored Research/Development (if applicable)
- d. Reference to Microfiche Appendix (if applicable)
- X e. Background of the Invention
- X f. Brief Summary of the Invention
- X g. Brief Description of the Drawings (if drawings filed)
- X h. Detailed Description
- X i. Claim(s) as Classified Below
- X j. Abstract of the Disclosure

3. Drawing(s) (when necessary as prescribed by 35 USC 113)

- X a. Formal
- b. Informal

Number of Sheets: 13

09243844-133700

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**(Large Entity) ☒ X

Total Pages in this Submission:

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**Application Elements (Continued)****4. Oath or Declaration** ☒ Xa. Newly executed (original or copy) ☒ X

Unexecuted

b. Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional application only)

c. With Power of Attorney ☒ X

Without Power of Attorney

**5. Incorporation By Reference (usable if Box 4b is checked)**

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

**6. Computer Program in Microfiche (Appendix)****7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)**

a. Papercopy

b. Computer Readable Copy (identical to computer copy)

c. Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**☒ X 8. Assignment Papers (cover sheet & document(s))

9. 37 CFR 3.73(B) Statement (when there is an assignee)

10. English Translation Document (if applicable)

☒ X 11. Information Disclosure Statement/PTO-I 449

Copies of IDS Citations

12. Preliminary Amendment

☒ X 13. Acknowledgment postcard☒ X 14. Certificate of Mailing

First Class

☒ X Express Mail (Specify Label No.): **EK132672425US**

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

004231-11331260

(Large Entity [REDACTED] Total Pages in this Submission: [REDACTED]  
(Only for new non provisional applications under 37 CFR 1.53(b)) [REDACTED]

### Accompanying Application Parts (Continued)

**16. Additional Enclosures (please identify below):**

## Fee Calculation and Transmittal

## CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate		
<b>Fee</b>						
<b>Total Claims</b>	<b>17</b>	<b>20</b>	<b>0</b>	<b>x</b>	<b>\$18.00</b>	<b>\$ 0.00</b>
<b>Indep. Claims</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>x</b>	<b>\$80.00</b>	<b>\$ 0.00</b>
<b>Multiple Dependent Claims (check if applicable)</b>						<b>\$ 0.00</b>
					<b>BASIC FEE</b>	<b>\$710.00</b>

OTHER FEE (specify purpose) \$0.00

**TOTAL FILING FEE      \$ 710.00**

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

- X The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0463 as described below. A duplicate copy of this sheet is enclosed.
- X Charge the amount of **\$710.00** as filing fee.
- X Credit any overpayment.
- X Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: Dec 25, 2000

Bernard M. Goldman  
Bernard M. Goldman - Attorney  
Registration no. 17,959

**CC:**

Docket No: PO9-96-134

BRANCH PREDICTION APPARATUS  
AND PROCESS FOR RESTORING  
REPLACED BRANCH HISTORY FOR  
USE IN FUTURE BRANCH  
PREDICTIONS FOR AN  
EXECUTING PROGRAM

APPLICATION FOR  
UNITED STATES LETTERS PATENT

Express Mail Label No: EK132672425US

Date of Deposit: December 27, 2000

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee Service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner of Patents and Trademarks, Washington, D. C. 20231.

Susan L. Nelson

*Susan L. Nelson*

I N T E R N A T I O N A L   B U S I N E S S   M A C H I N E S  
C O R P O R A T I O N

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